

**MODEL 818
STANDARD SPECIFICATIONS AND OPTIONS**

ENGINE OPTIONS - DIESEL (All Engine Packages are complete with Vandalism Enclosures)	
<i>Caterpillar</i>	127HP Diesel
<i>John Deere</i>	140HP Diesel
INSTRUMENT PANEL:	Ammeter
	Hour Meter/Tachometer
	Temperature gauge
	Oil Pressure Gauge
	Ignition key switch
	High engine temperature/Low oil pressure shutdown
	Instrument panel mounted curb side for operator protection
SPEED SENSING (Opt)	Speed Sensing (Option)
HYDRAULIC LIFT CYLINDERS (Opt.)	Qty. 2
	Cross Cylinders, 2" bore, 18" stroke
	Hyd. Feed Roll Lift with Crush Cylinders (Option)
CLUTCH	Dual Plate PTO Clutch
RADIATOR SCREEN	Aluminum, 27" x 30", Removable
	Radiator Guards
BATTERY BOX	Qty. 2
	Lockable
	Cushioned
BATTERIES	Qty. 2
	12 volt, automotive type
	850 cold cranks
FUEL TANK	25 Gallon
	Pick-Up Screens
	Sight Gauge
	Lockable
	Drain plug
	Screw cap with dipstick
	Cushioned
TRAILER	2" x 6" x 3/16" Wall, rectangular steel tubing
	3" x 6" main center beam
	All welds continuous, both sides, top and bottom.
	All cross members fully gusseted
	1/4" heavy duty diamond plate fenders with light enclosures
TONGUE	3" x 6" x 1/4" wall, rectangular steel tubing, continuous welds
	Adjustable height hitch, 6 positions
	2 - 3/8", grade 30 link safety chains, 3' long, meet SAE standards, with spring clasp safety hooks
	9,000 lb. Heavy Duty Jack
	3" Heavy Duty forged 4-bolt pintle
DUAL AXLES	Qty. 2
	#12 Torflex, 5,500 lb. Capacity
BRAKES	12 volt, electric, with breakaway switch
	Surge Brakes - Optional
TIRES	Qty. 4
	9.5" x 16.5"
	Load Range "E"
	8-Bolt, 8 Ply
	3,170 lb. Capacity
TOOL BOX	7" Wide x 16 3/4" long x 6" high
	Large enough for a grease gun
	Lockable
	Cushioned
LIGHT PACKAGE	Four function - Stop, directional, license plate & safety
	Wired to meet ICC regulations
	Wiring protected inside frame tube or conduit where possible
	7-prong connector

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CHIPPER DISC ASSEMBLY		
<i>Disc</i>	1-1/2" Thick x 52-1/4" Diameter	
	3" Diameter Machined Shaft	
	6 Exhaust Paddles, with Support Gussets	
<i>Chip Blades</i>	10 - 1/2" x 4" x 5-1/8", double sided, interchangeable, A-8 grade steel, 8.0% chrome	
	Rockwell hardness - Center 38-45 RC, Edge 54-56 RC	
	Blades are bolted & held in place by 1/2" x 2" grade 8 bolts	
<i>Disc Housing</i>	3/8" Thick Steel Housing	
	3/8" Thick, Steel Wrap	
	Continuous Welds	
	Vented for Air-Flow	
INFEED SYSTEM		
<i>Infeed Tray</i>	3/8" Steel Mounting Plate	
<i>& Infeed Opening</i>	57" Wide x 38-5/16" High	
	18" High x 18" Wide, Infeed Opening, 1/4" Wall Tube Edge	
	1/4" Thick Steel	
	Continuous Welds, Gusseted and Re-enforced for Strength	
<i>Feed Roll</i>	20-1/2" Dia. X 18" Long, Dia. Shaft	
	Replaceable Blades	
<i>Feed Roll Yoke</i>	3/8" Thick Steel	
	Continuous Welds and Fully Gusseted	
<i>Bed Knives (2)</i>	Vertical - 1" Thick x 17-3/4" Long x 7-1/2" Wide	
	Horizontal - 1" Thick x 20-1/4" Long x 6-1/4" Wide	
	Replaceable & Sharpenable	
DISCHARGE SYSTEM		
<i>Discharge Chute</i>	Chip discharge accomplished by 6 blower paddles welded to disc	
	360 degree swivel, no tools necessary (Locking pin available)	
	12" long directional flap, fully adjustable, no tools necessary	
	105" discharge from ground level	
	3/16" steel at top radius, 3/16" & 1/8" steel at the bottom & side radius	
	3/16" steel on remainder of chute	
	Continuous welds & support bar	
HYDRAULIC SYSTEM		
<i>Tank</i>	16-1/2 Gallon	
	Pick-Up Screens	
	Sight Gauge	
	Drain plug, lockable, vented , screw cap with dip stick	
<i>Filter</i>	SAF59-G20, 25 micron	
<i>Pump</i>	20 GPM Pump	
	Live Hydraulics	
	Operates at 2,500 P.S.I.	
<i>Motor</i>	Hydraulic Drive - 66 cubic inches per revolution	
<i>Hoses</i>	Rated 3,000 P.S.I.	
PAINT		
	Baked enamel, polyester, powder coat,	
	Orange (Standard)	
	All parts painted individually	
GENERAL SPECIFICATIONS		
<i>Length</i>	225" Long	
<i>Width</i>	92" Wide	
<i>Height</i>	105" High	
<i>Weight</i>	9,600 LBS.	

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OPTIONS:	HYDRAULIC FEED ROLL LIFT WITH CRUSH CYLINDERS
	SPEED SENSING
	SPARE TIRE & RIM (Std.Tire or Wide Tire)
	SINGLE REAR JACK STAND
	SAFETY LIGHT PACKAGE
	HAND CRANK 360 DEG. ROTATIONAL CHUTE
	HEIGHT ADJUSTABLE EXHAUST CHUTE
	EASY ADJUST EXHAUST FLAP
	7-PRONG ELEC. SOCKET/TOW VEHICLE
	BRAKE CONTROL BOX/TOW VEHICLE
	CHIP BLADES(EXTRA) 10 PER MACHINE
	TOOL KIT TO CHANGE KNIVES
	BASTARD FILE, KNIFE TOUCH UP
	FLASHING AMBER WARNING LIGHT
	AMBER STROBE LIGHT KIT
	SWING ARM MOUNT FOR WARNING LIGHT
	CONE HOLDER ON TONGUE
	CHOCK HOLDERS ON FENDERS (SET)
	SHUT-OFF VALVE/FUEL TANK
	TELESCOPING TONGUE
	HYDRAULIC PRESSURE CHECK KIT
	SPECIAL ORDER BAKED ENAMEL PAINT COLOR CHANGE
	DIRT DROP INFEED HOPPER
SALSCO, INC.	800-872-5726
105 SCHOOL HOUSE ROAD	203-271-1682
CHESHIRE, CT 06410	203-271-2596 (Fax)
salscoinc@aol.com	www.salsco.com